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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/778,837	02/08/2001	Norihiro Nakatsuhama	1614.1123	6812
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STAAS & HALSEY LLP			EXAMINER	
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WASHINGTO	N, DC 20001		ART UNIT	PAPER NUMBER
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Please find below and/or attached an Office communication concerning this application or proceeding.

AS HORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH (S) FROM THE MAILING DATE of this communication appears on the cover sheet with the correspondence address — Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH (S) FROM THE MAILING DATE OF THIS COMMUNICATION. A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH (S) FROM THE MAILING DATE OF THIS COMMUNICATION. If the period for dray is specified attorn, the anomalized state of this communication is set to the provided of the provided and the provided in the provided of the provided and the		Application No.	Applicant(a)					
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A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. - Increase of the many tax enables used to be promised of JCR1 1, 126(s). In no event, however, may a reply be timely filed - after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply is specified above, the maining date of this communication. - If the period for reply is specified above, the maining with the promoted of the specified above the maining date of this communication. - If NO period for reply is specified above, the maining with the stability minimum of bring (30) days will be considered timely. - If NO period for reply is specified above, the maining date of this schimation of the promise of the specified above, the maining date of this communication, even if travely filed, may reduce any cannot platent term adjustment. See 37 CFR 1,764(b). - Any reply received by the Otice than three maining after the maining date of this communication, even if travely filed, may reduce any calculations are supported by the promise of the promise of the promise of the promise of the specified on the promise of the specified on the promise of the specified on the promise of the specified one in the promise of the p	The MAILING DATE of this communication and							
THE MAILING DATE OF THIS COMMUNICATION. Extensions of the may be available under the provisions of 37 CPR 1.136(a). In co event, however, may a reply be timely filed after 50 (c) MOVIPTS from the mailing date of this communication. It NO period for reply is sendable under the provision of 37 CPR 1.136(a). In co event, however, may a reply to timely filed after 50 (c) MOVIPTS from the mailing date of this communication. Failure to reply within the set or extended ponce for reply will, by statute, cause the application to become ABANDONED (38 U.S.C.§ 133). Any reply received by the filting date than there mornis statutory period vallege yet and very date. Failure to reply visitation is provided to the provision of the communication, even if threely filed, may reduce any 3.4 (c) yet yet a communication. Failure to reply set and the provision of the communication, even if threely filed, may reduce any 3.4 (c) yet yet a communication. Failure to reply visitation is FINAL. 1 ∑ Responsive to communication(s) filled on 18 November 2002. 2 a This action is FINAL. 2 b ∑ This action is non-final. 3 □ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Queyle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 1-7 is/are pending in the application. 4 ∑ Claim(s) 1-7 is/are allowed. Claim(s) 1-7 is/are allowed. Claim(s) 1-8 and 7 is/are allowed. Claim(s) 1-8 and 7 is/are allowed. Claim(s) 5 is/are objected to. Claim(s) 5 is/are objected to by the Examiner. Disposition of Claims 1-7 is/are allowed. Claim(s) 5 is/are allowed. Claim(s) 6 is/are objected to by the Examiner. The drawing(s) filed on is/are allowed. Claim(s) 5 is/are allowed. Claim(s) 6 is/are objected to restriction a	Period for Reply	ears on the cover sheet with the t	correspondence address					
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a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). a) The translation of the foreign language provisional application has been received. 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)	13) Acknowledgment is made of a claim for foreign	priority under 35 U.S.C. § 119(a)-(d) or (f).					
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Application/Control Number: 09/778,837

Art Unit: 2863

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-5 and 7 rejected under 35 U.S.C. 102(b) as being anticipated by Rickard (USPN 4,736,366).

Rickard (USPN 4,736,366) teaches the limitations of Claim 1 as follows; an abnormality detection device for detecting an abnormality in a communication bus, the device comprising of a timer connected to the communications bus (30&32;See Figure 2), and a comparator outputting an abnormality detection signal indicating an in said communication bus when the time measure by the timer surpasses a certain threshold. (Col. 4, lines 3-17)

Claim 5 has all the limitations of claim one with the addition of an additional timer (See Figure 2) and a register (Col.2, lines 61-62) for adding the time measured by one of the timers (30& 32;Col.2, line 63)

With regards to Claim 7, Rickard (USPN 4,736,366) teaches a microcomputer connected to a bus comprising of a timer to measure a transmission time in a communications bus and a comparator to compare the time measure to a threshold value (See Figure 2).

Art Unit: 2863

Regarding claims 2-3, Rickard (USPN 4,736,366) teaches initializing the timer and comparator. (Col. 4, line5 & line 66)

Regarding Claims 4, Rickard (USPN 4,736,366) teaches plurality of registers and a means for selecting values stored in those registers. (12;Figure 2)

Allowable Subject Matter

Claim 6 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, second paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Aditya S Bhat whose telephone number is 703-308-0332. The examiner can normally be reached on M-F 9-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Barlow can be reached on 703-308-3126. The fax phone numbers for the organization where this application or proceeding is assigned are 703-308-5841 for regular communications and 703-308-5841 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

Aditya S. Bhat January 21, 2003

John Barlow Supervisory Patent Examiner Technology Center 2800